

Fig. 1 B

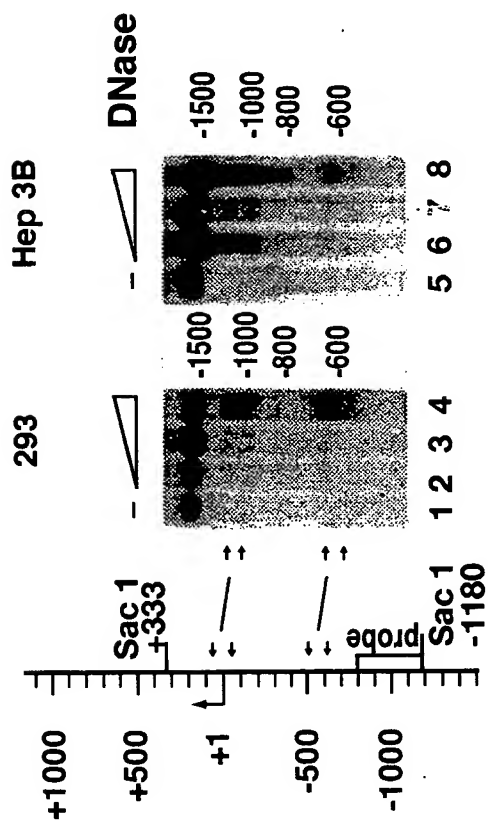


Fig. 1 A

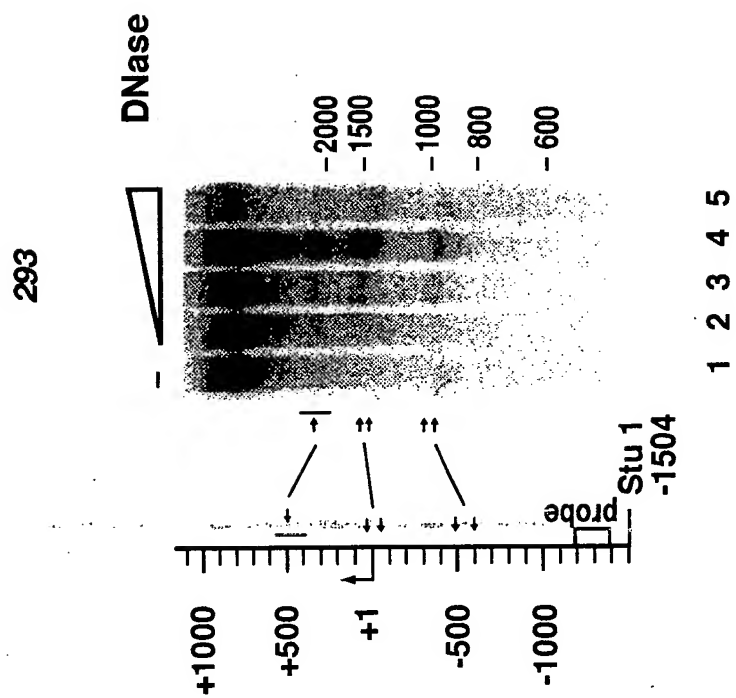


Fig. 1 D

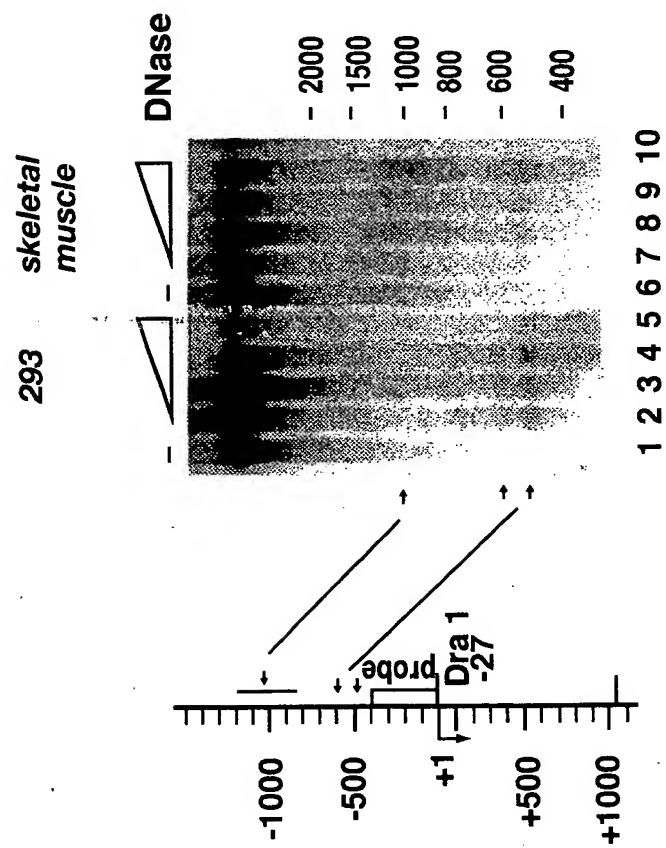


Fig. 1 C

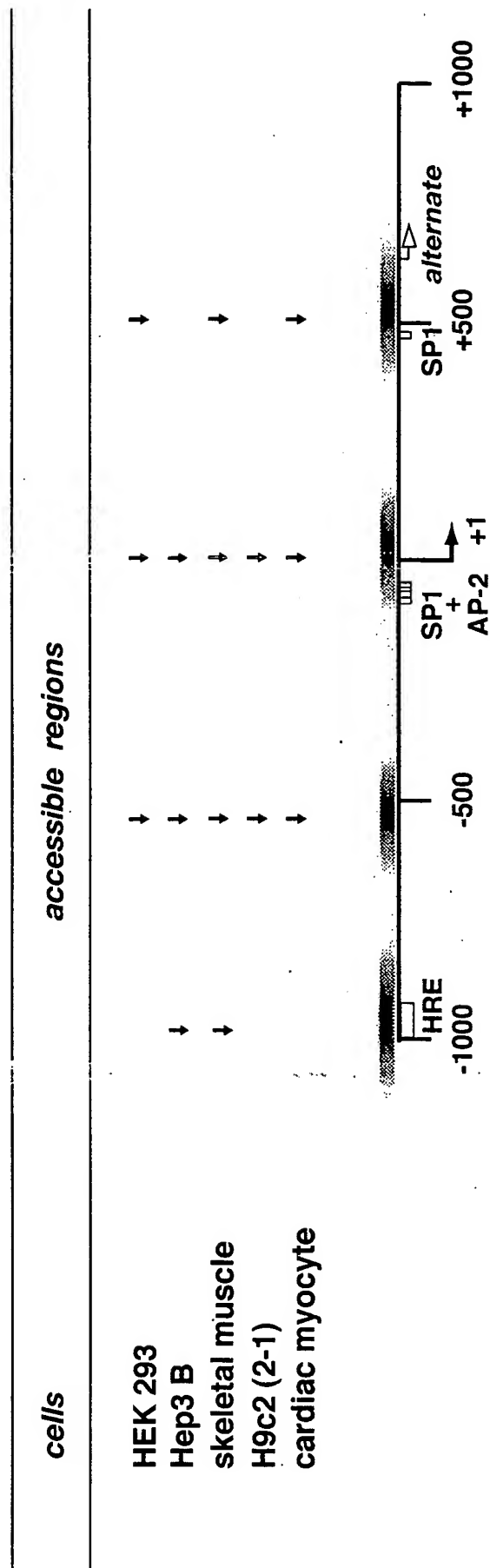


Fig. 1 E

sequence conservation
 gray: individual bases
 black: five-mer blocks



Fig. 1 F

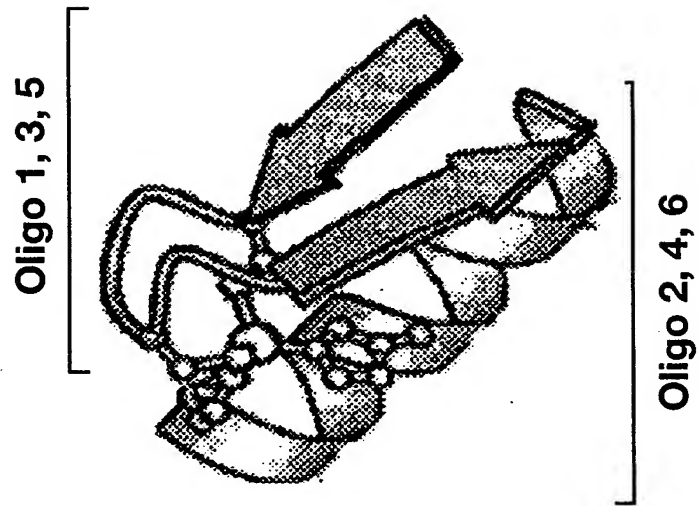


Fig. 2A

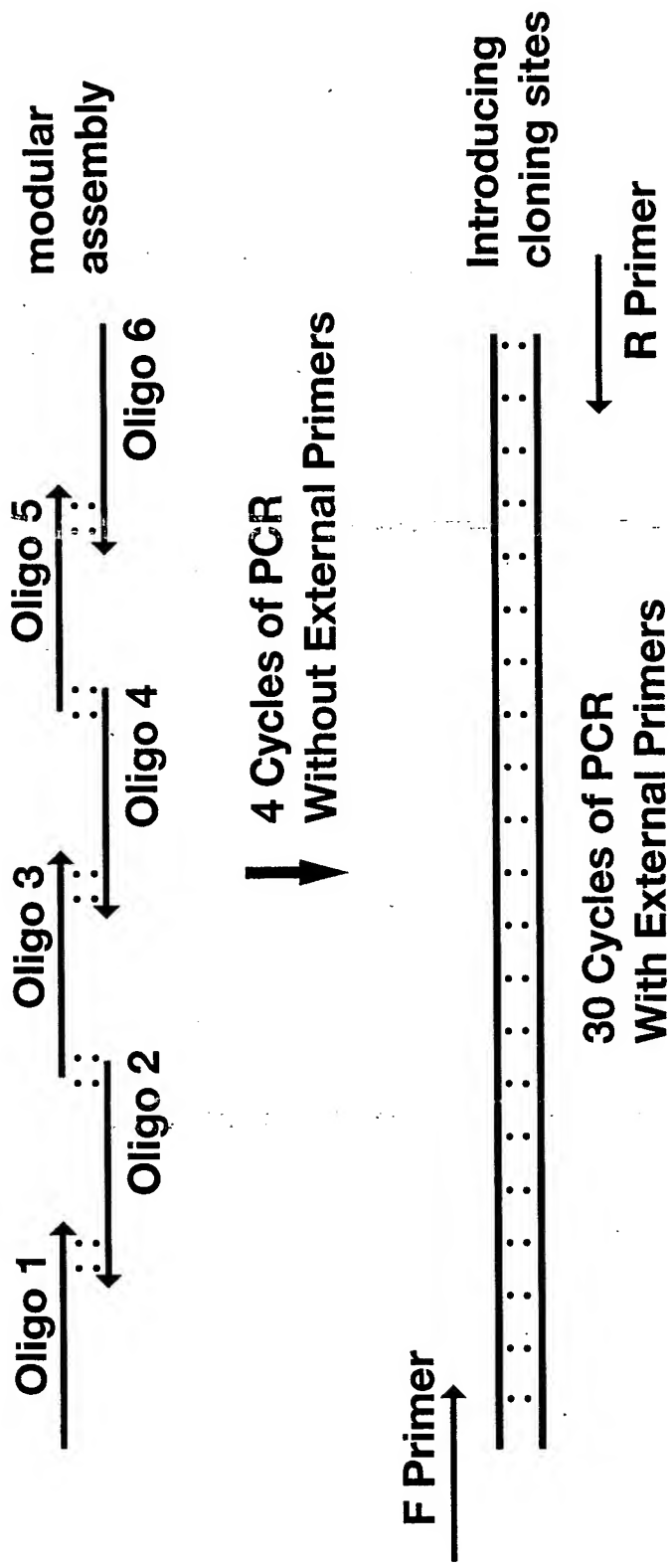


Fig. 2B



Fig. 2C

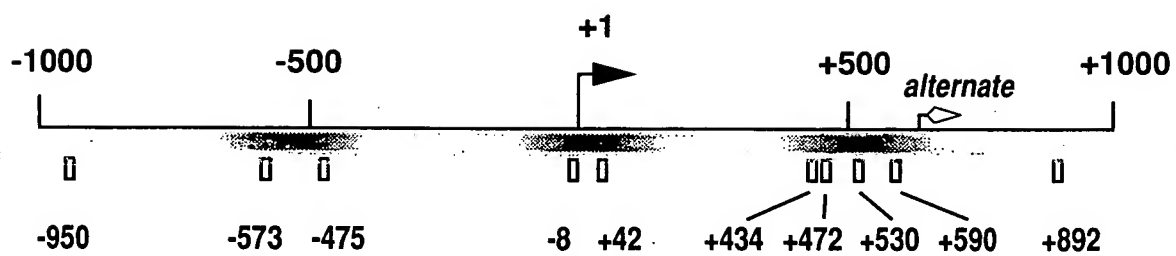


Fig. 2D

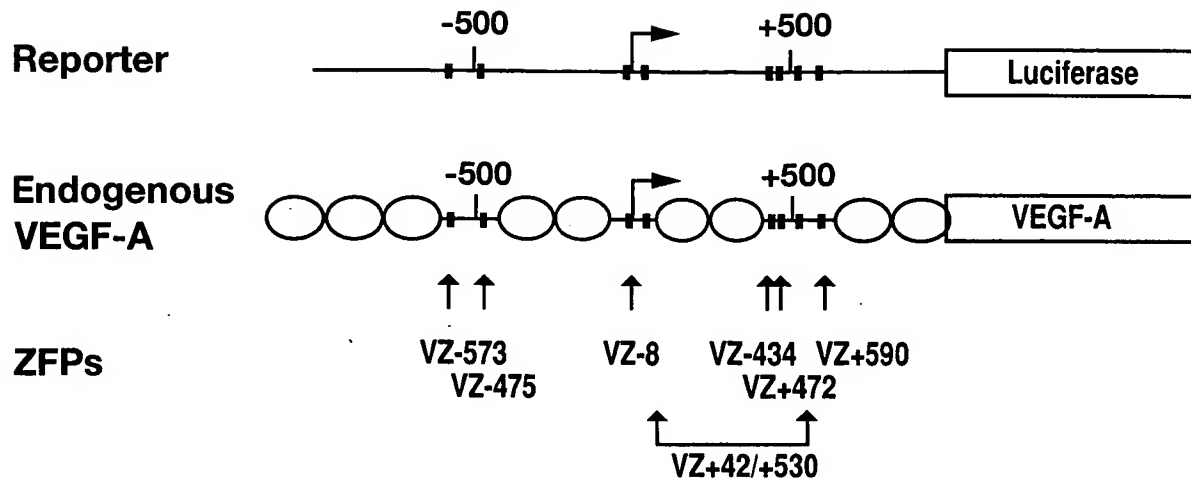


Fig. 3A

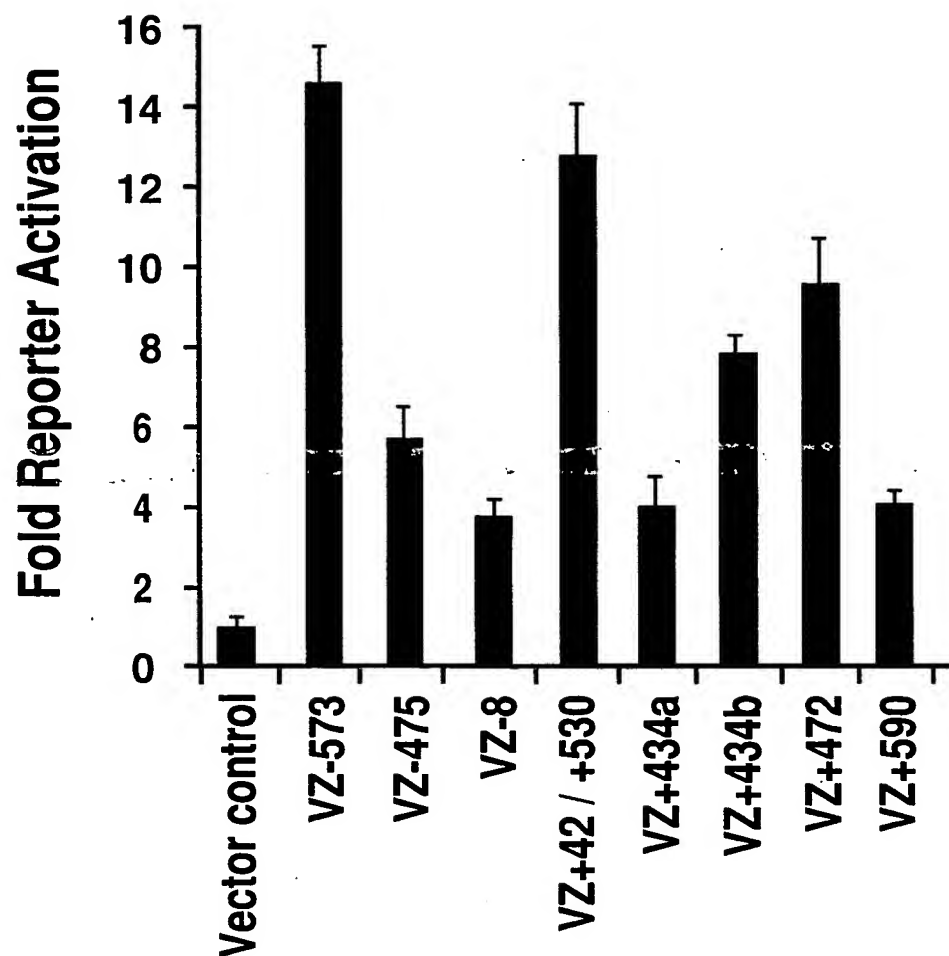


Fig. 3B

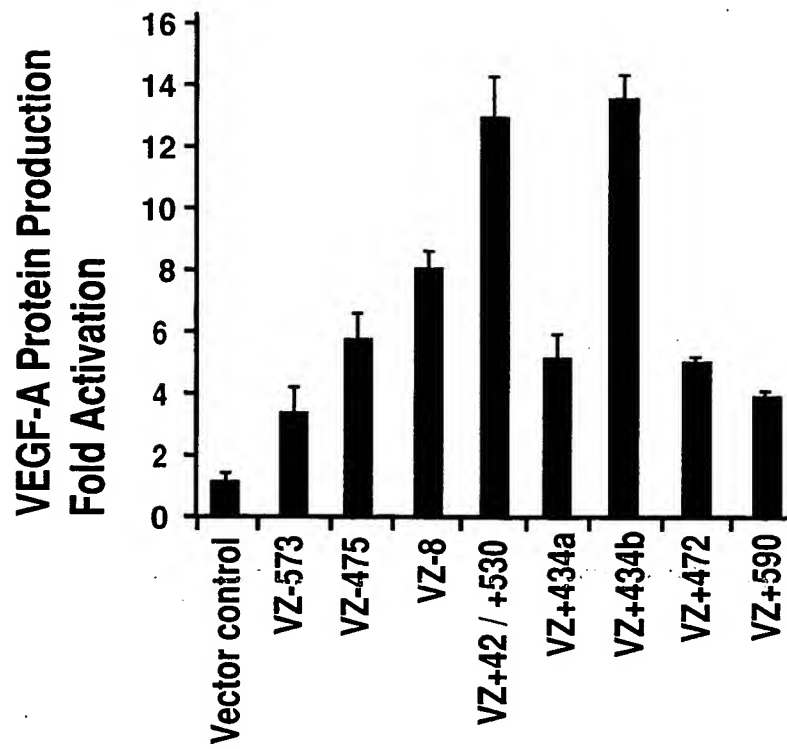


Fig. 3C

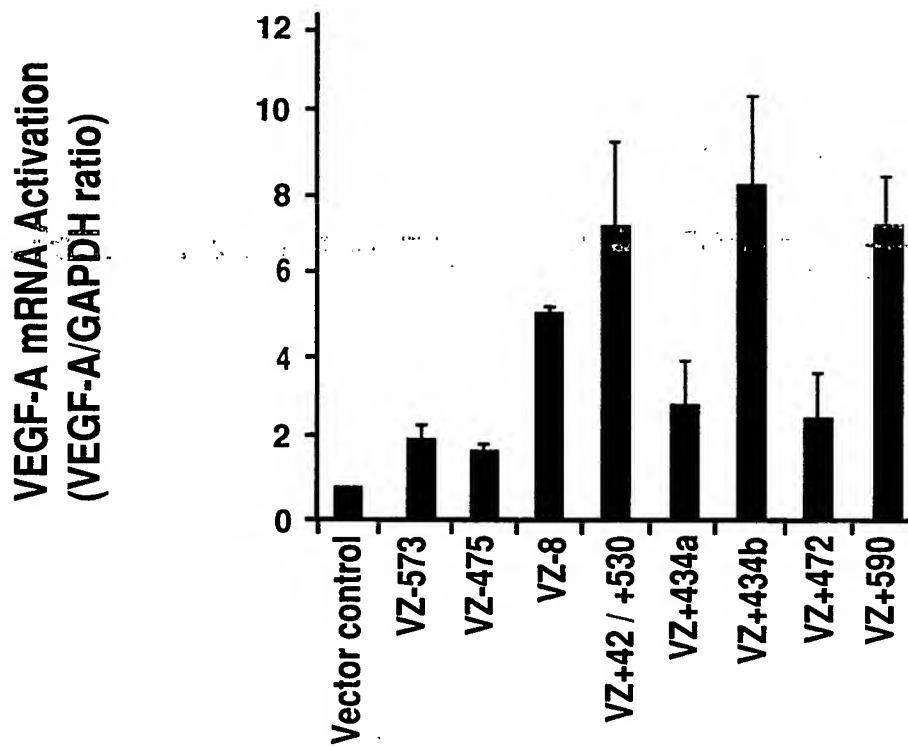


Fig. 3D

ZFP Protein

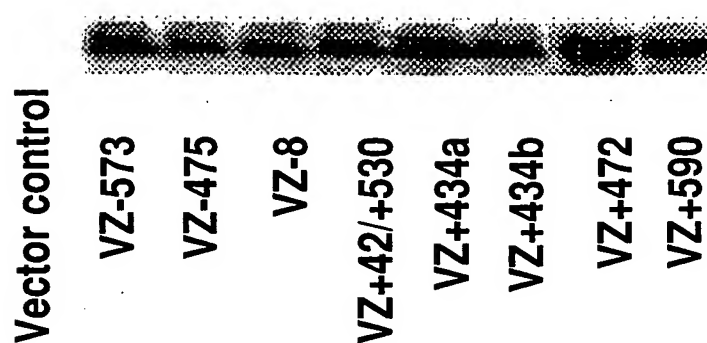


Fig. 3E

Relative ZFP mRNA levels (VP16 / GAPDH by Taqman)

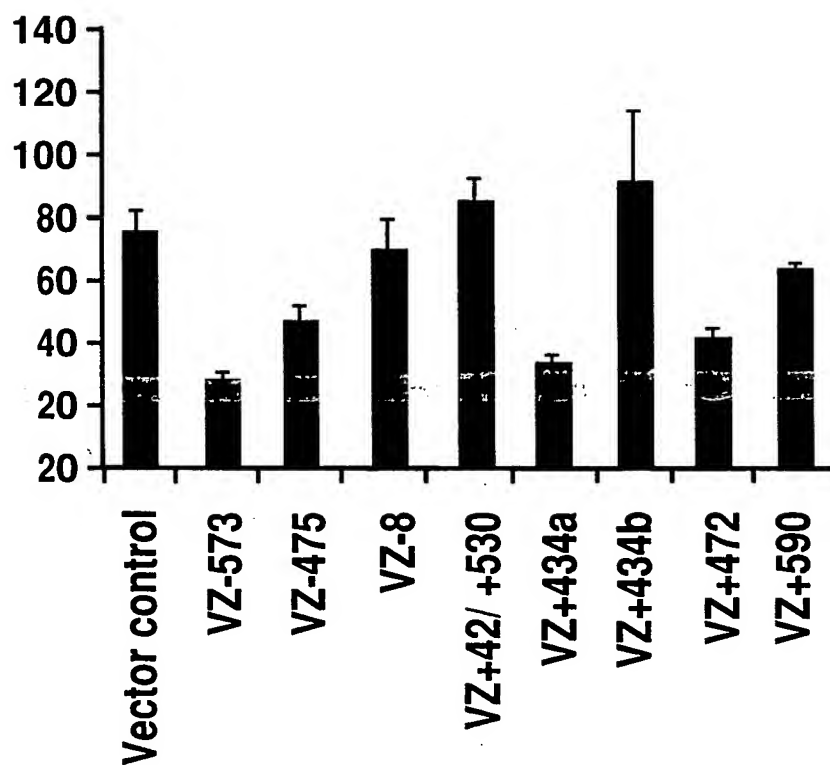


Fig. 3F

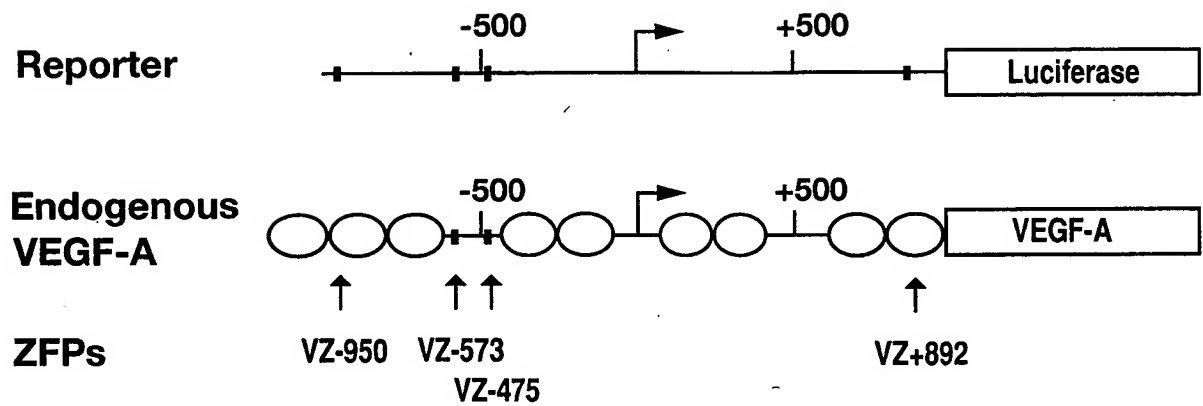


Fig. 4A

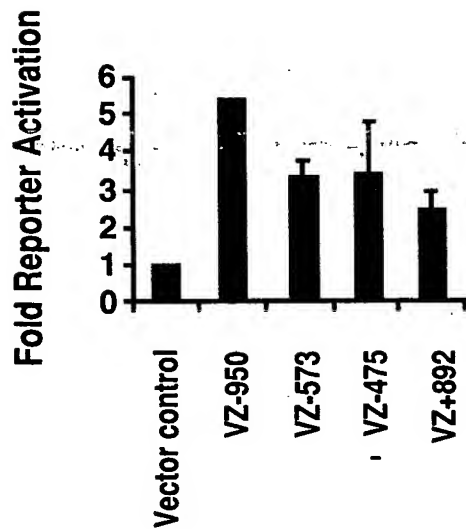


Fig. 4B

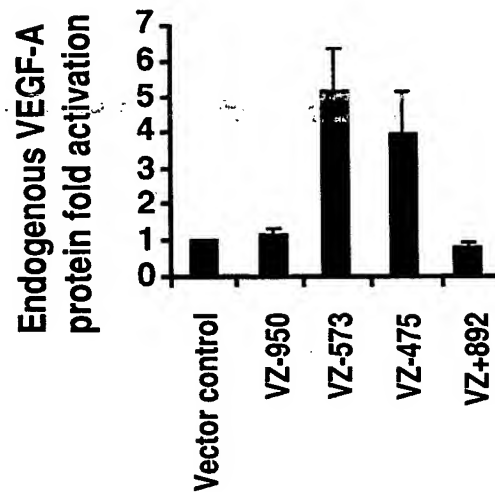


Fig. 4C

NLS	ZFP	VP16	FLAG
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NLS	ZFP	p65 AD	FLAG
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Fig. 5A

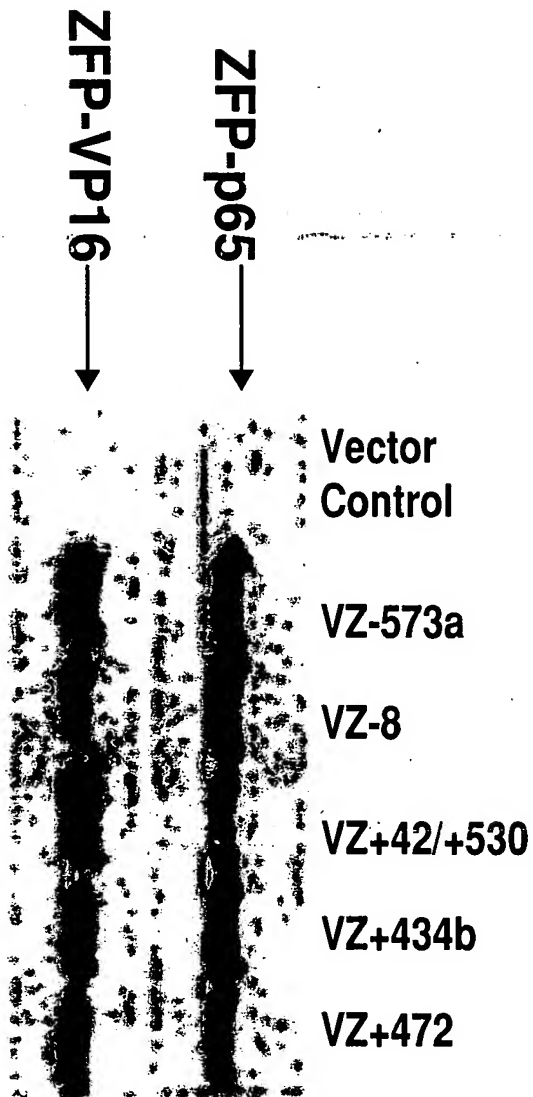


Fig. 5B

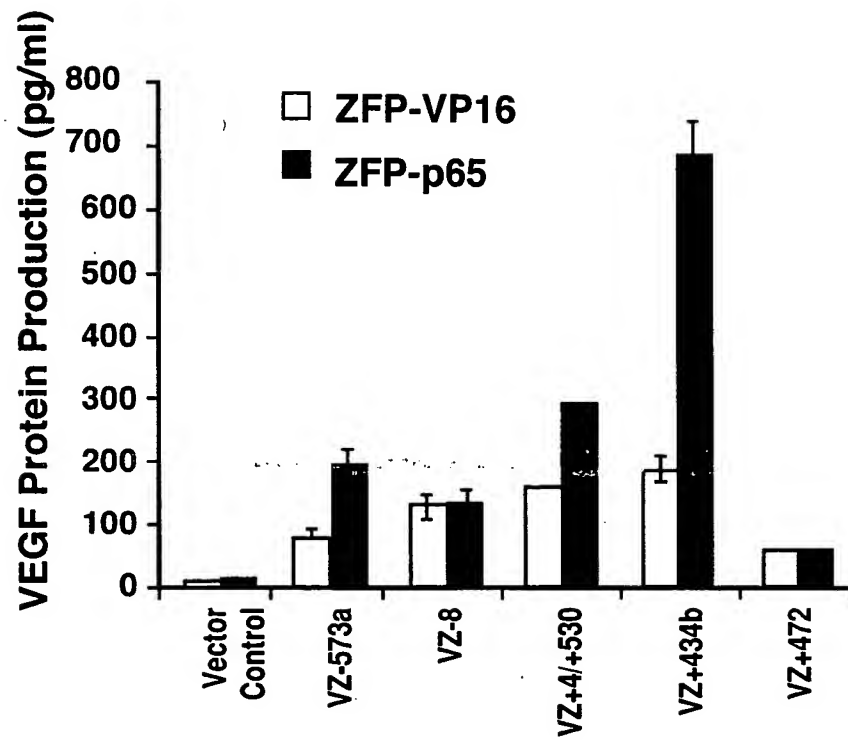


Fig. 5C

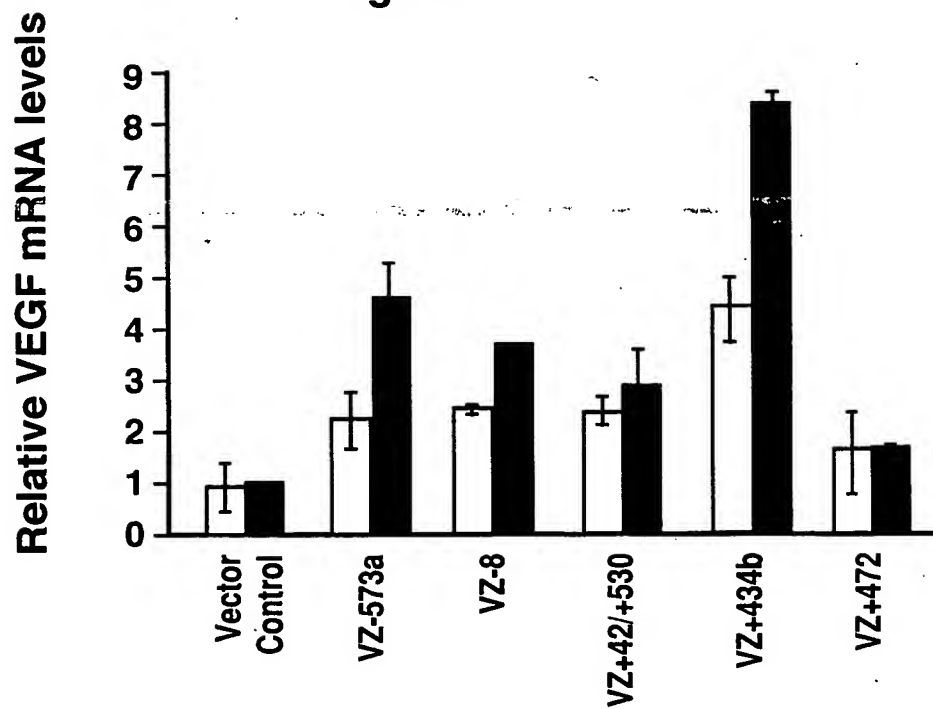


Fig. 5D

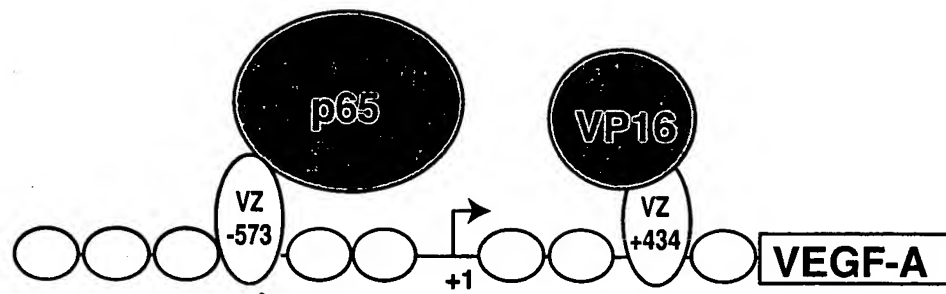


Fig. 6A

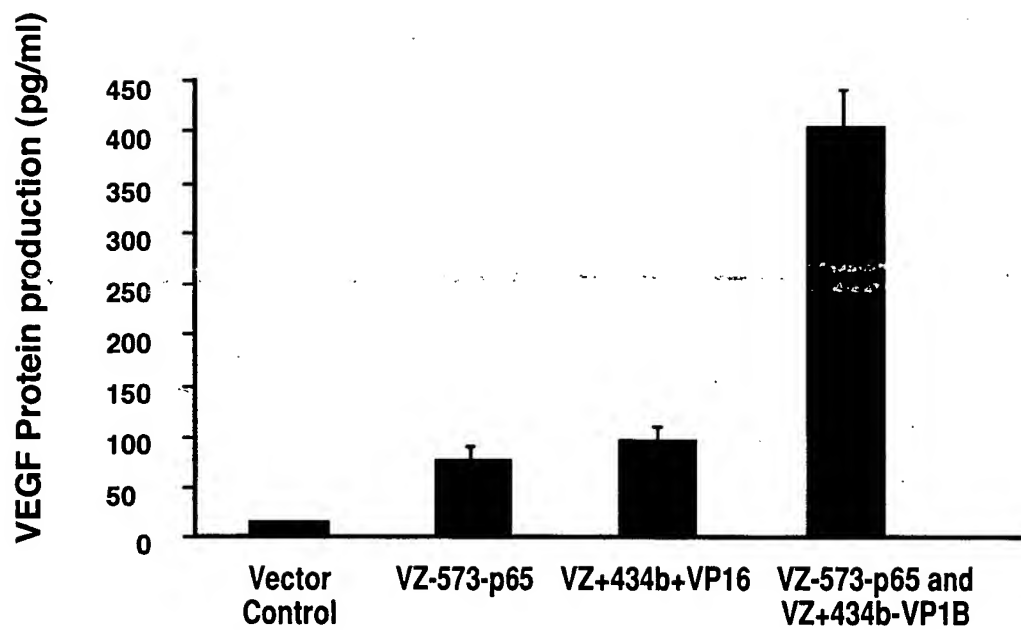


Fig. 6B

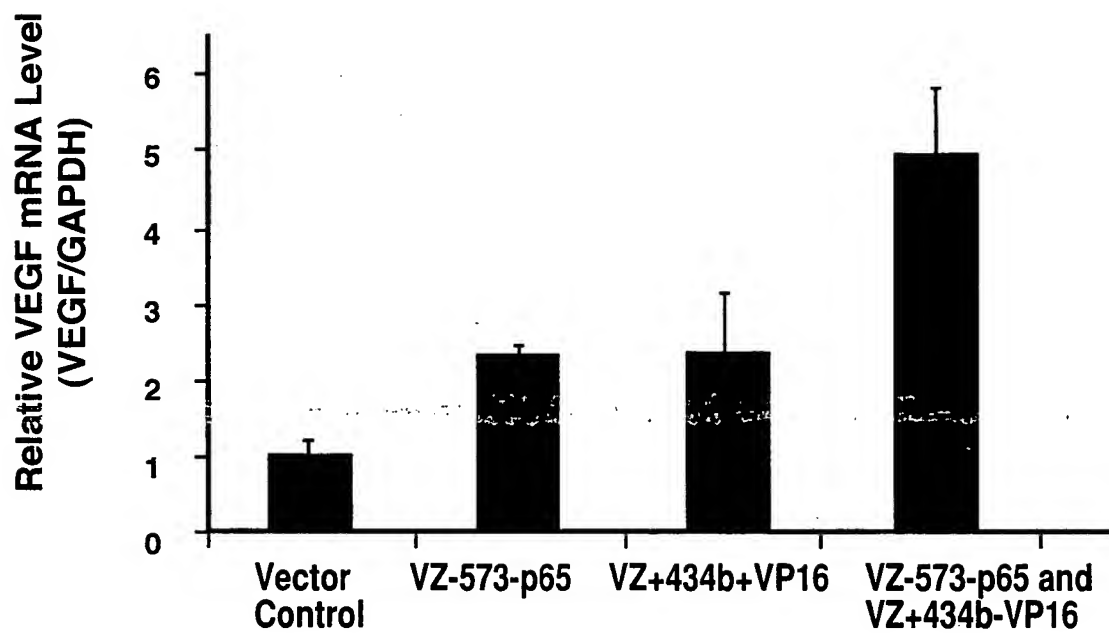


Fig. 6C

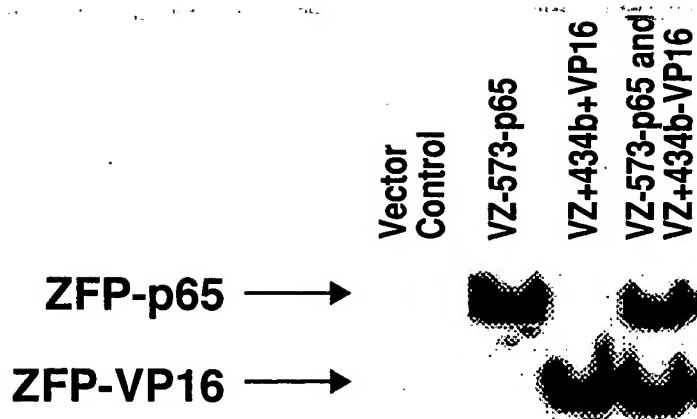


Fig. 6D

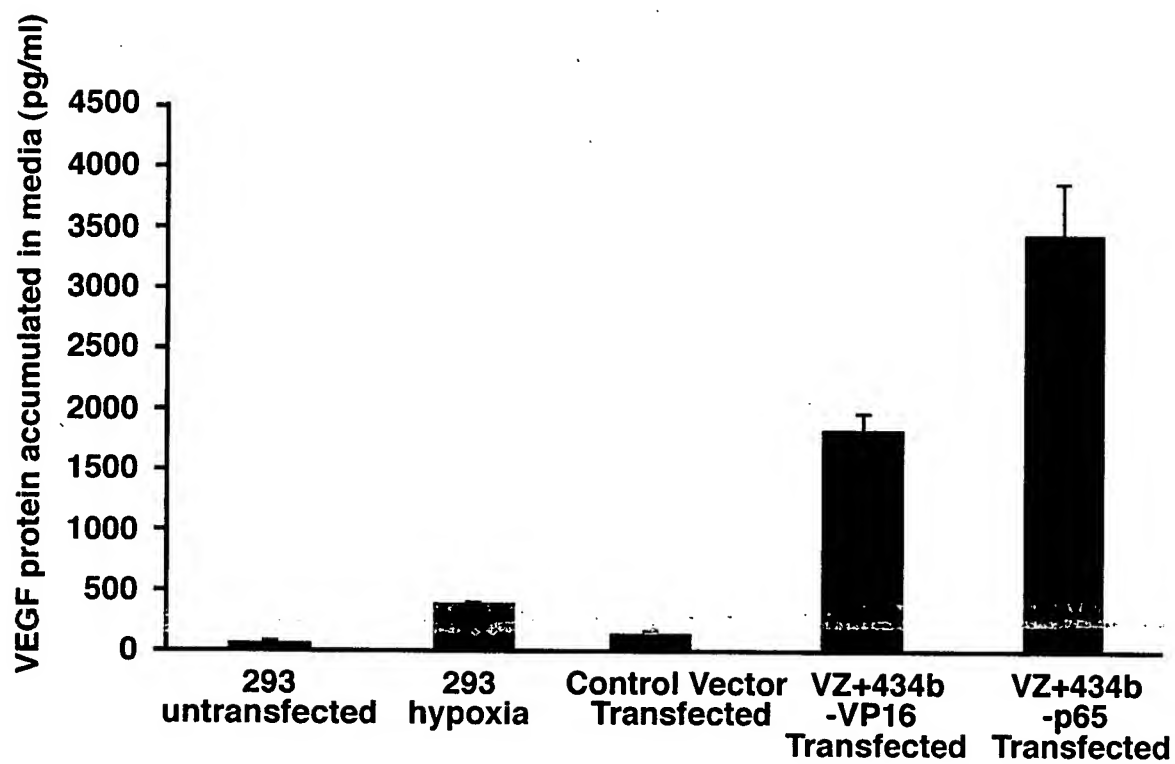


Fig. 7A

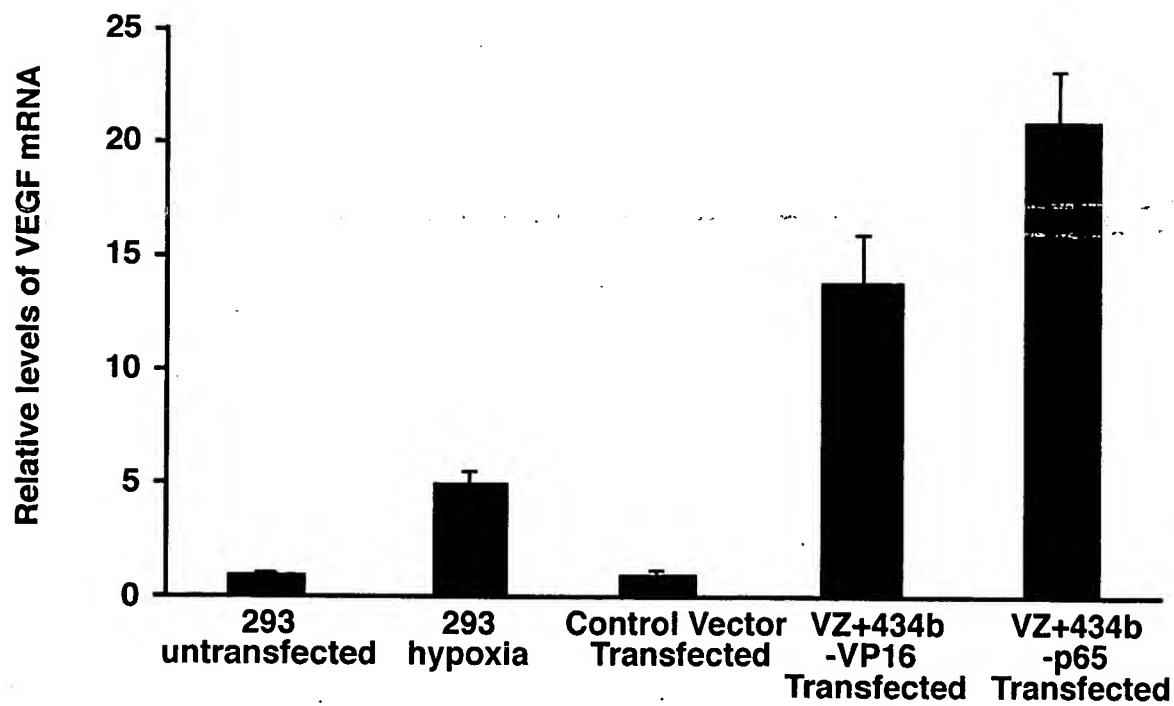


Fig. 7B

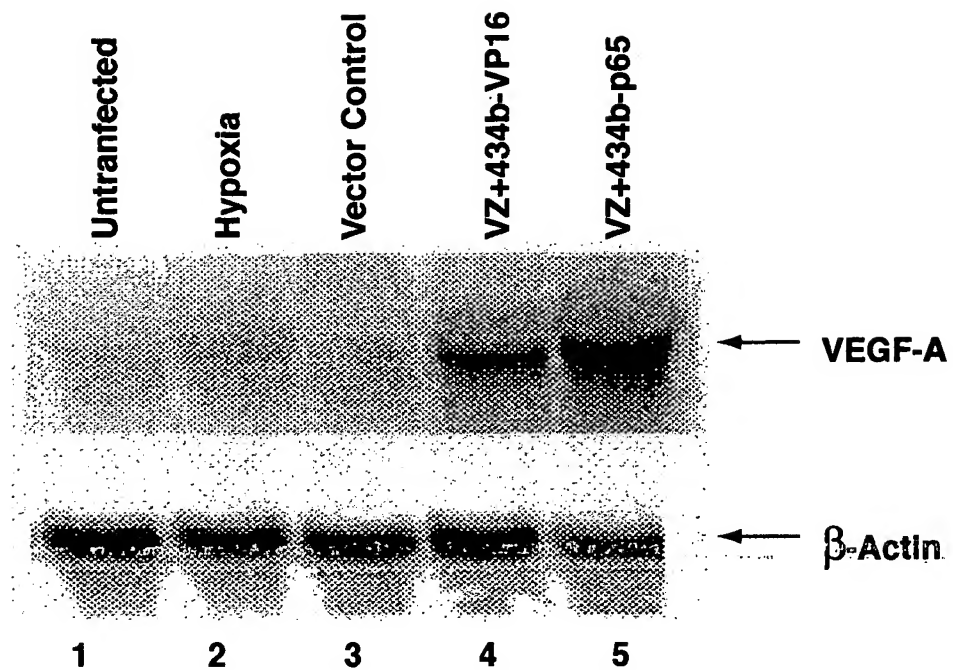


Fig. 7C

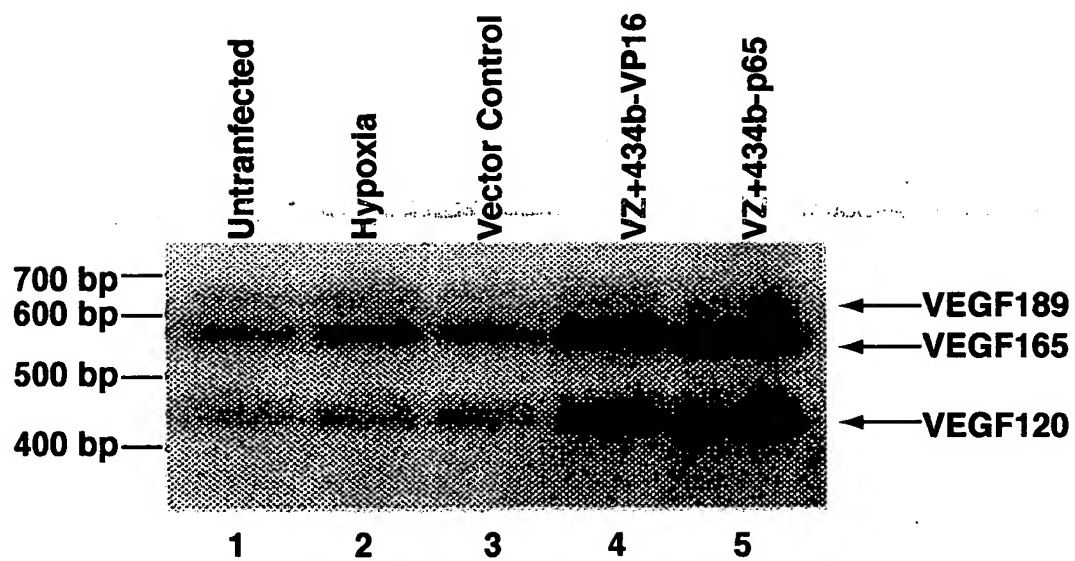


Fig. 7D

Control

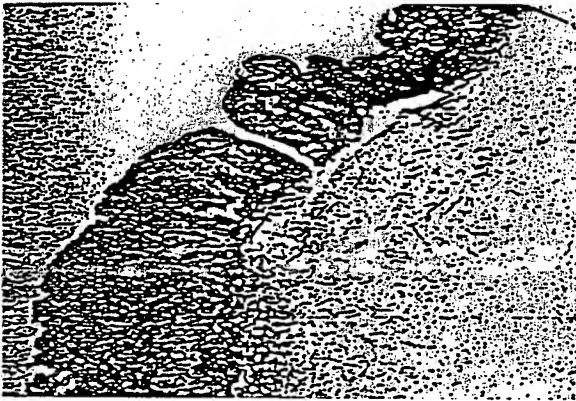


Fig. 9A

+ZFP



Fig. 9B



Fig. 9C

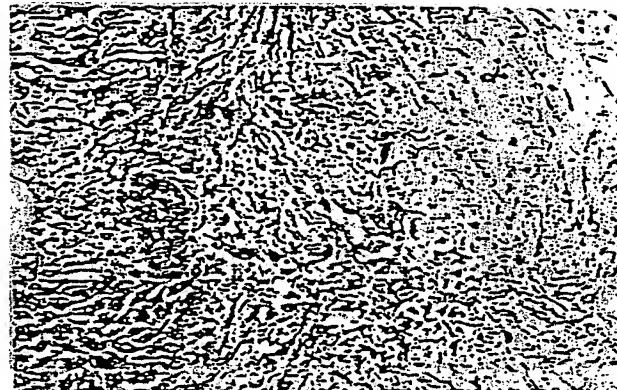


Fig. 9D

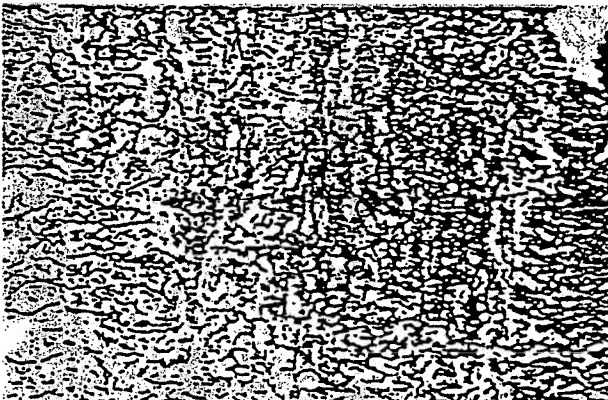


Fig. 9E

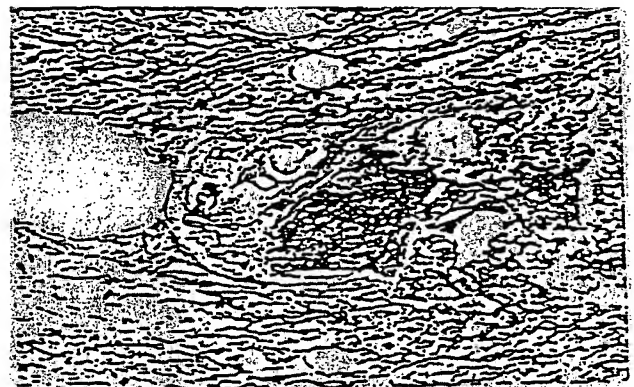
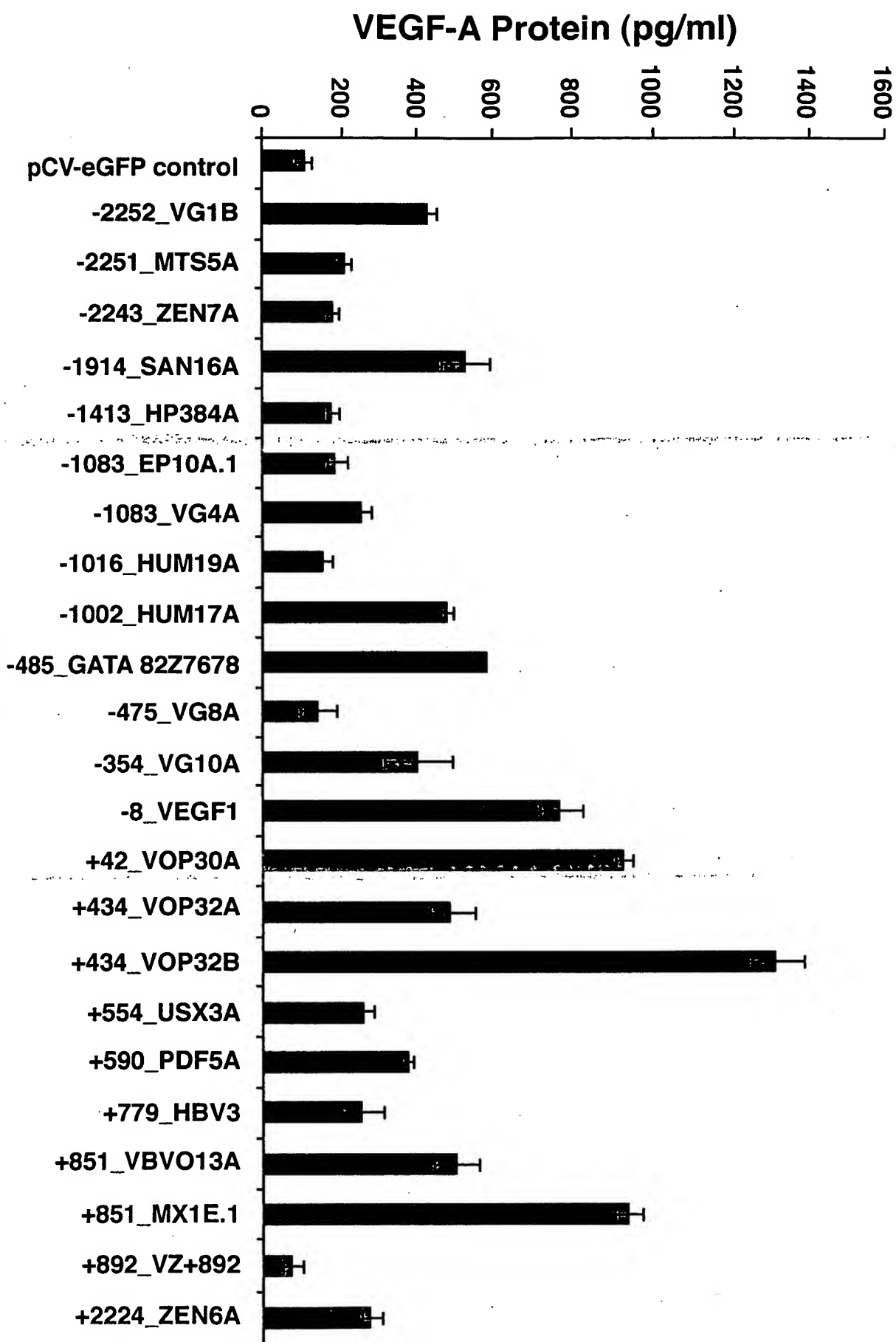


Fig. 9F

Fig. 10



ZFP →
Protein

VEGF/GAPDH
(mRNA Level by Taqman)

Fig. 11

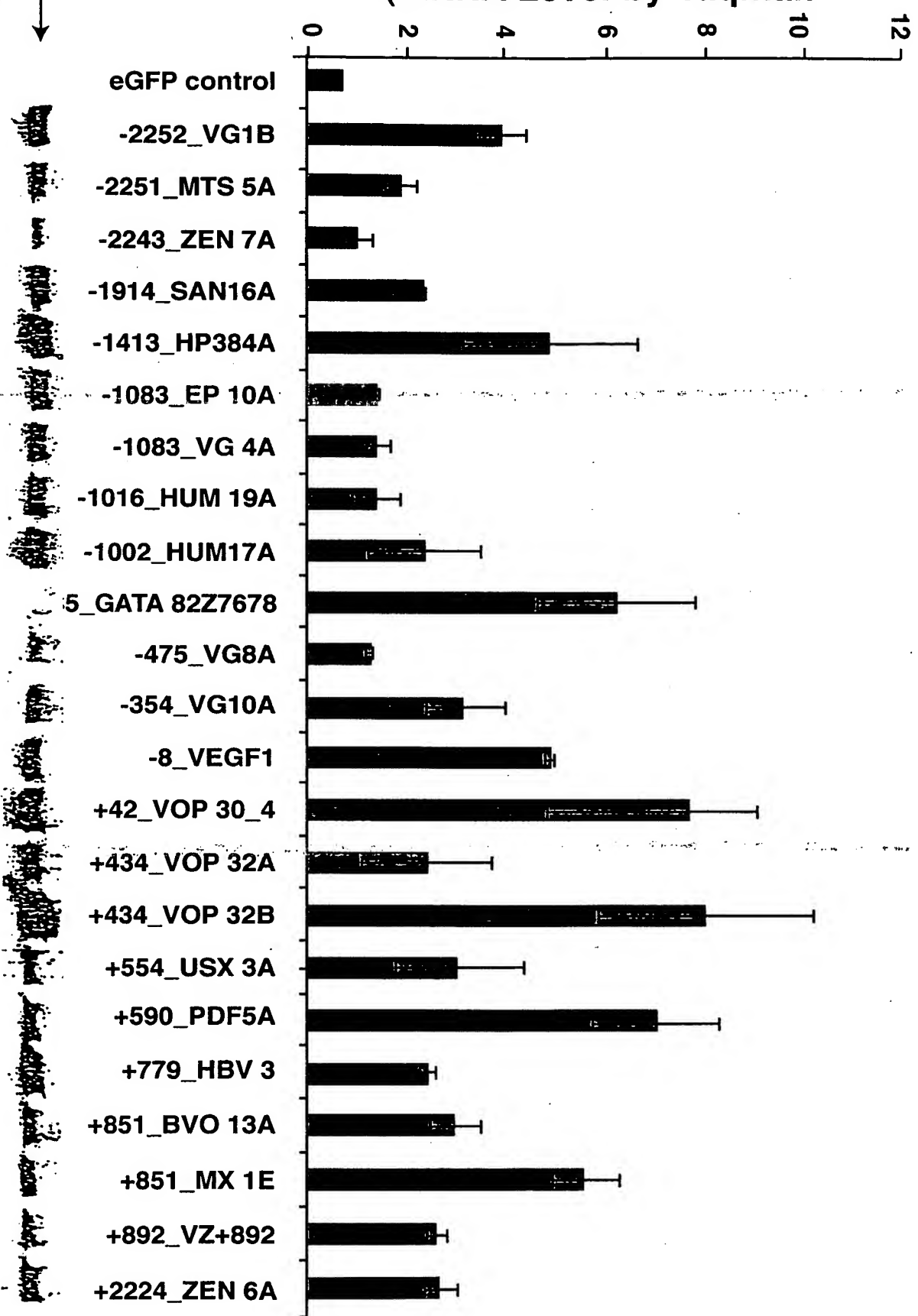
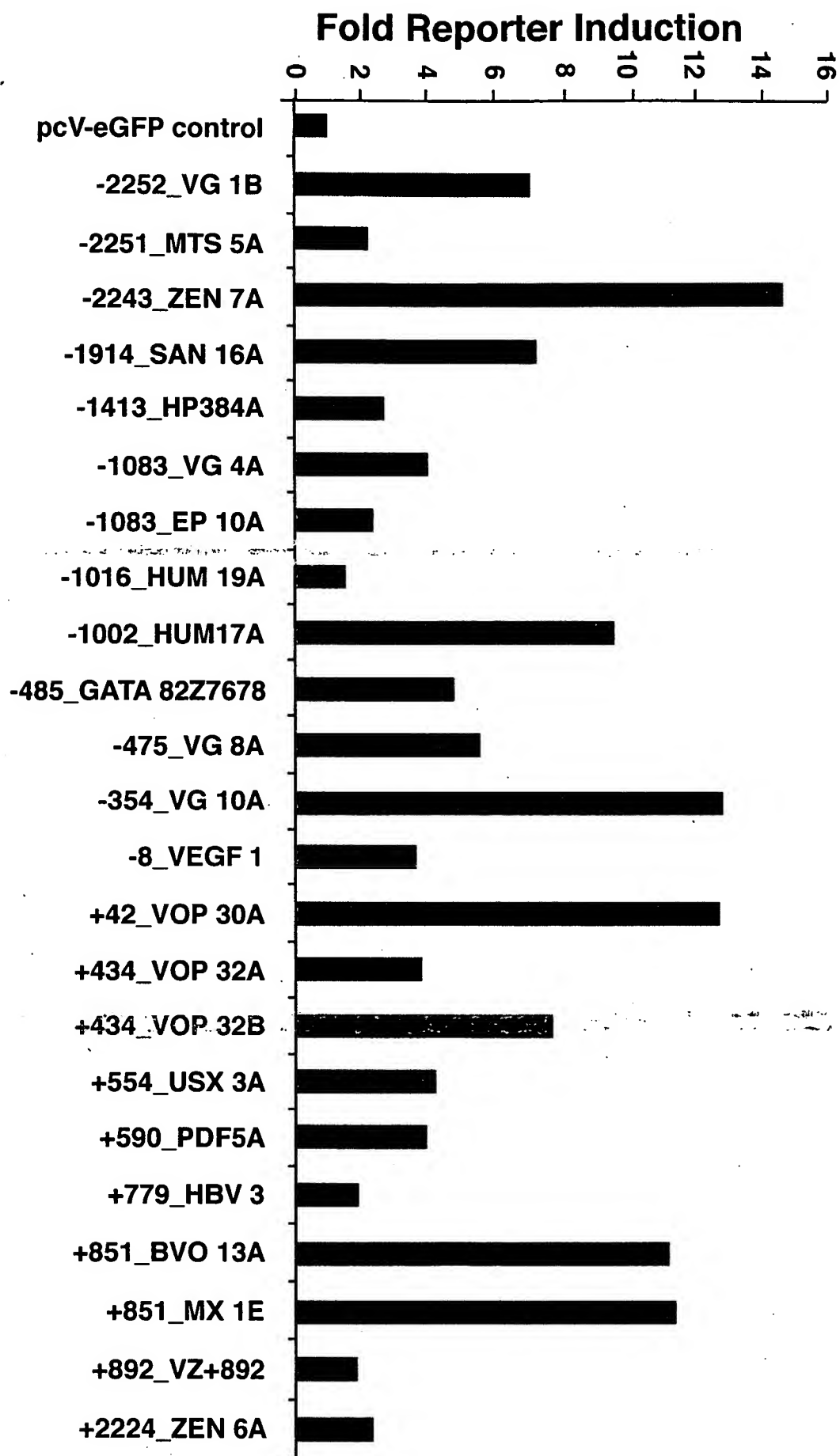


Fig. 12



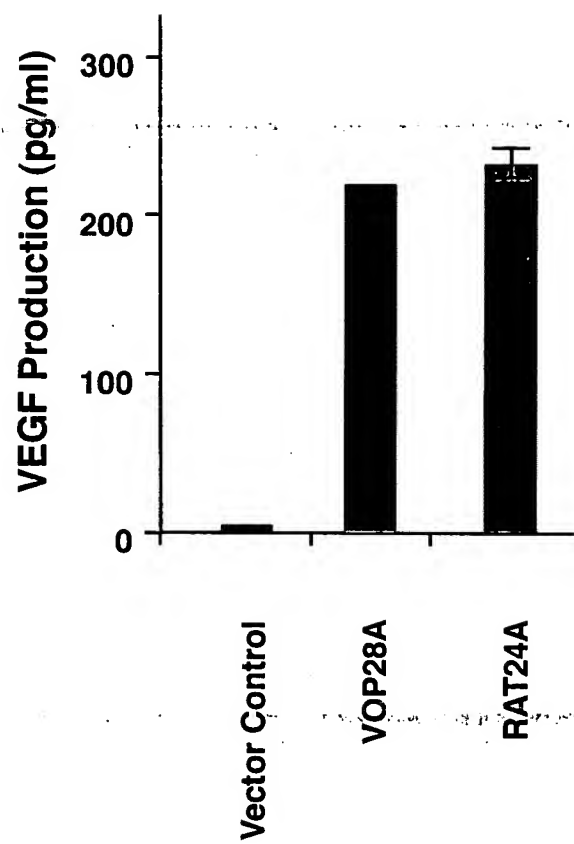


Fig. 13

VEGF-A mRNA Activation by ZFPs

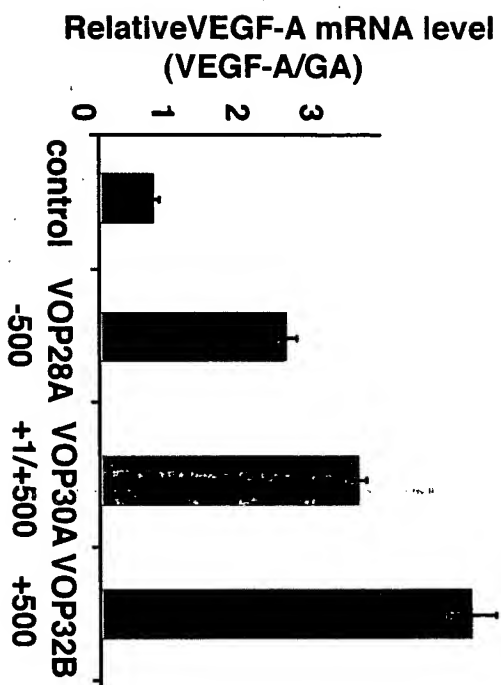


Fig. 14A

VEGF-C mRNA Activation by ZFPs

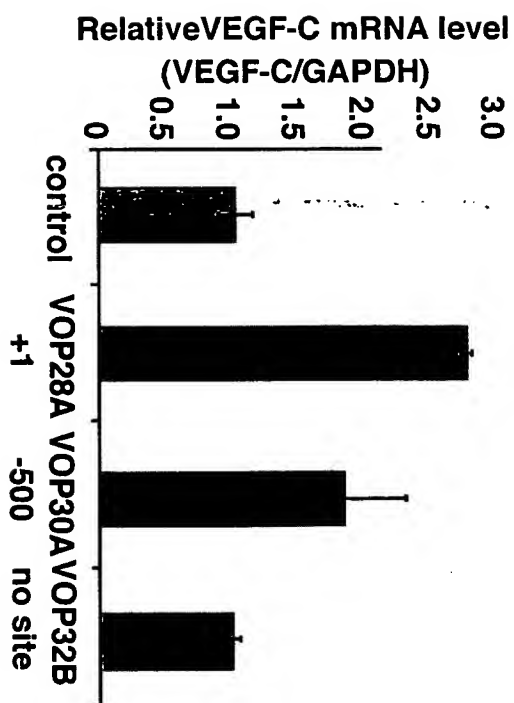


Fig. 14B

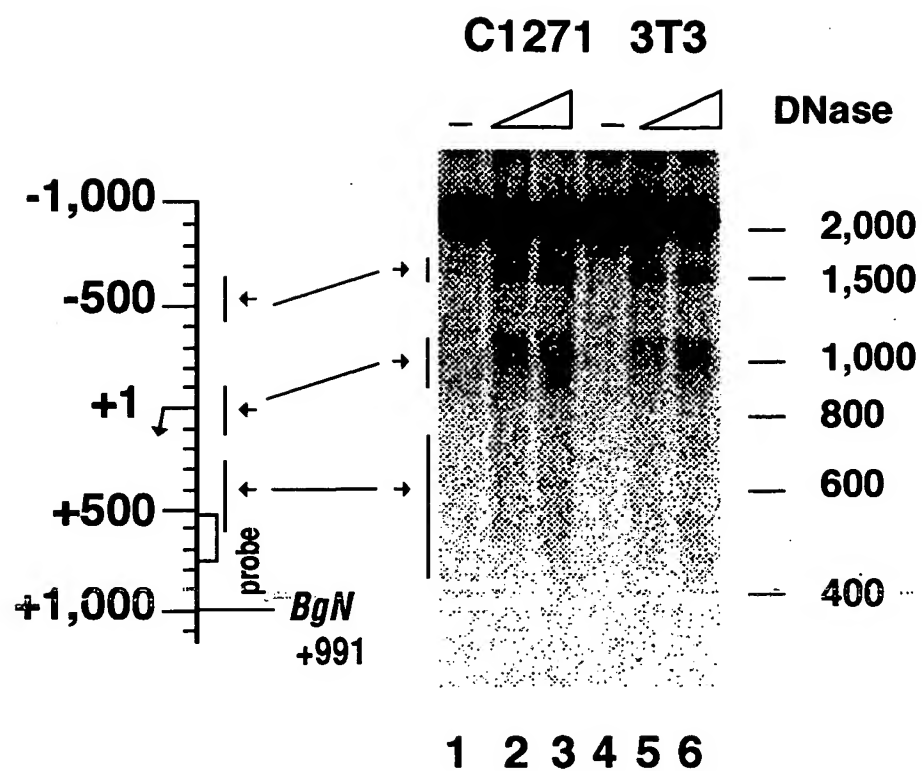


Fig. 15A

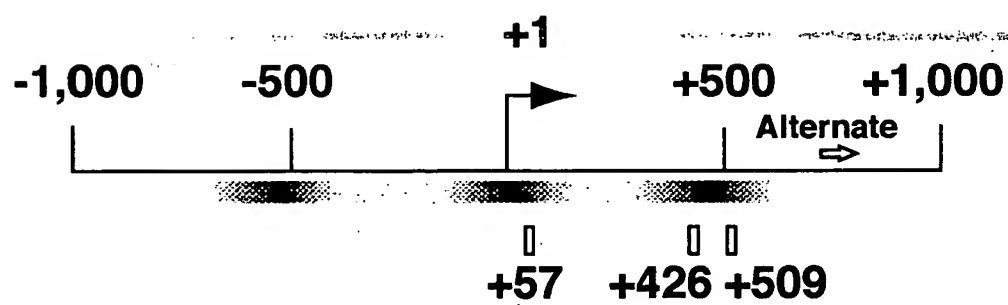


Fig. 15B

ZFP Name	Target		Finger designs
	Sequence 5'- 3'	Subsites 5'- 3'	
mVZ+57	TGAGCGGCGGCAGCGGAGc	TGAg GCGg GCGg GCAG GCGg GAGc	OSGHLTK F6 RSDELSR F5 RSDELTR F4 OSGSLTR F3 RSDELQR F2 RSDNLAR F1
mVZ+426	GGGGGTGACc	GGGg GGTg GACC	RSDHLNR F3 TSGHLVR F2 DRSNLNR F1
mVZ+509	GCTGGGGGCg	GCTg GGGg GGCg	OSSDLNR F3 RSDHLNR F2 DRSHLNR F1

Fig. 15C


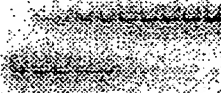
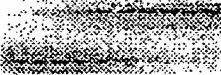

ZFP	Target	Gel shift		Apparent K_d (nM)
mVZ+57	TGAGCGGCGGCAGCGGAGc			0.031
mVZ+426	GGGGGTGACc			<0.01
mVZ+509	GCTGGGGGCg			<0.01
SP1	GGGGCGGGGg			0.053

Fig. 15D

NLS	ZFP	VP16	FLAG
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Fig. 16 A

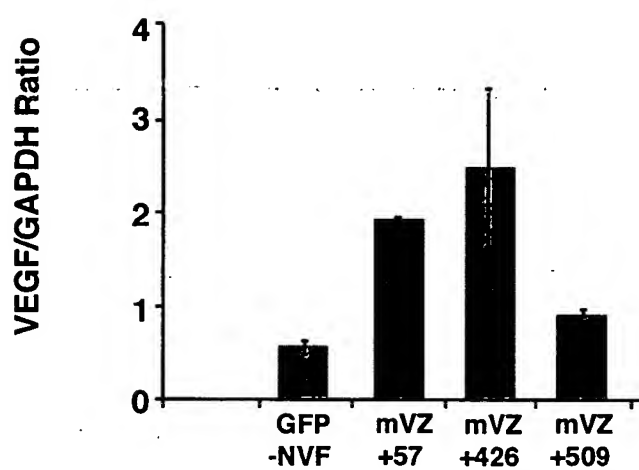


Fig. 16 B

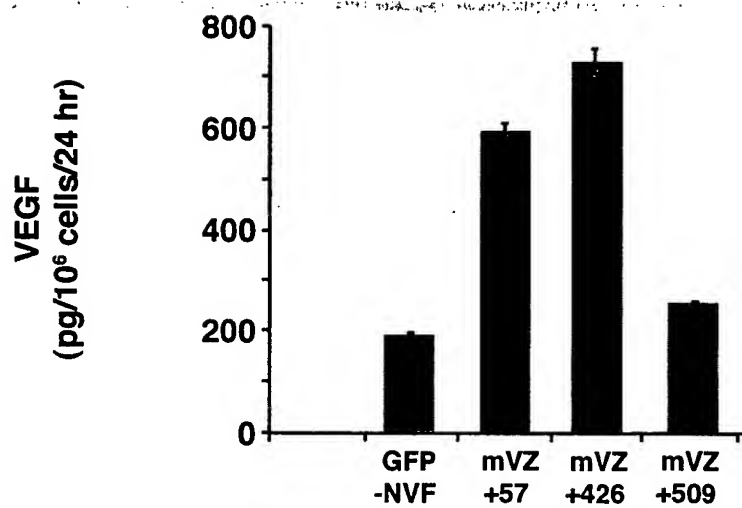


Fig. 16 C

GFP



Fig. 18A

VEGF-ZFP



Fig. 18B



Fig. 18C



Fig. 18D

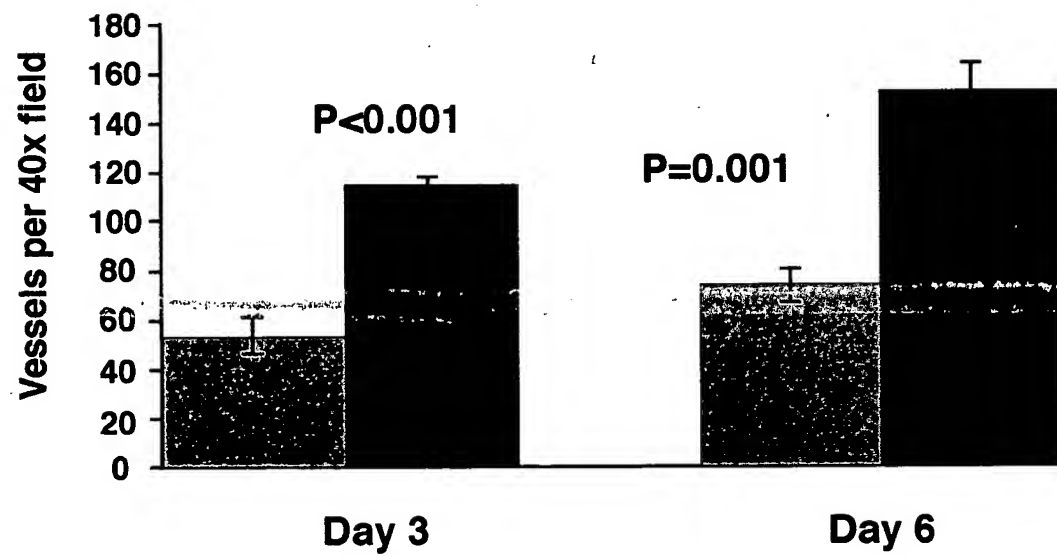


Fig. 18E

GFP



Fig. 19A

MVG



Fig. 19B

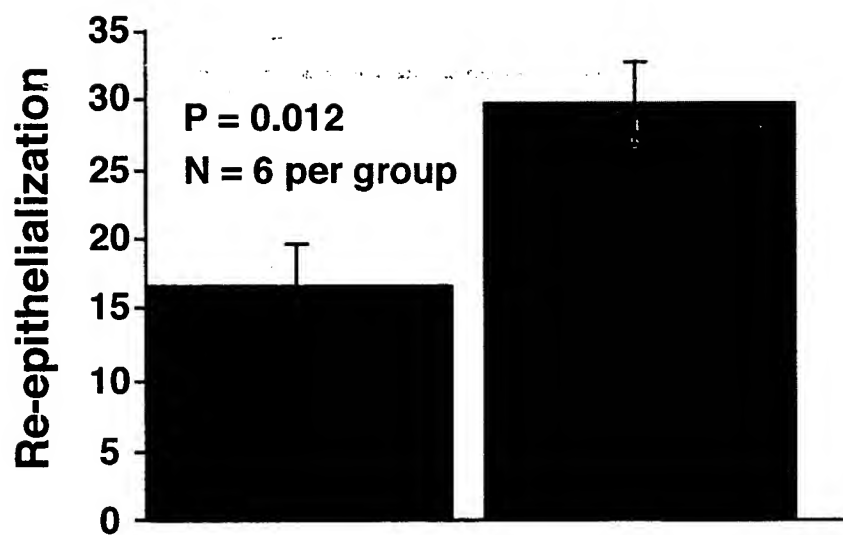


Fig. 19C

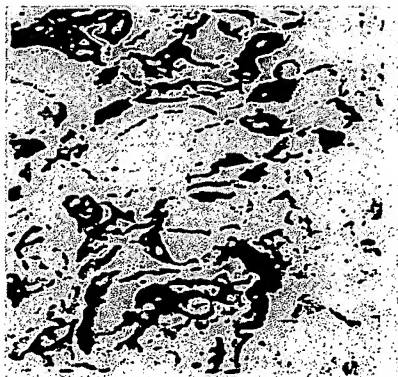


Fig. 21A



Fig. 21B

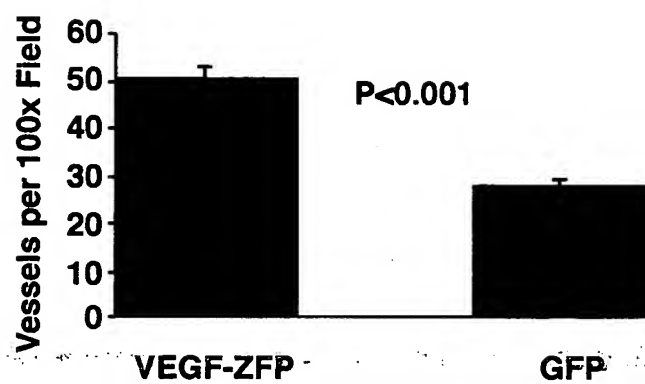


Fig. 21C

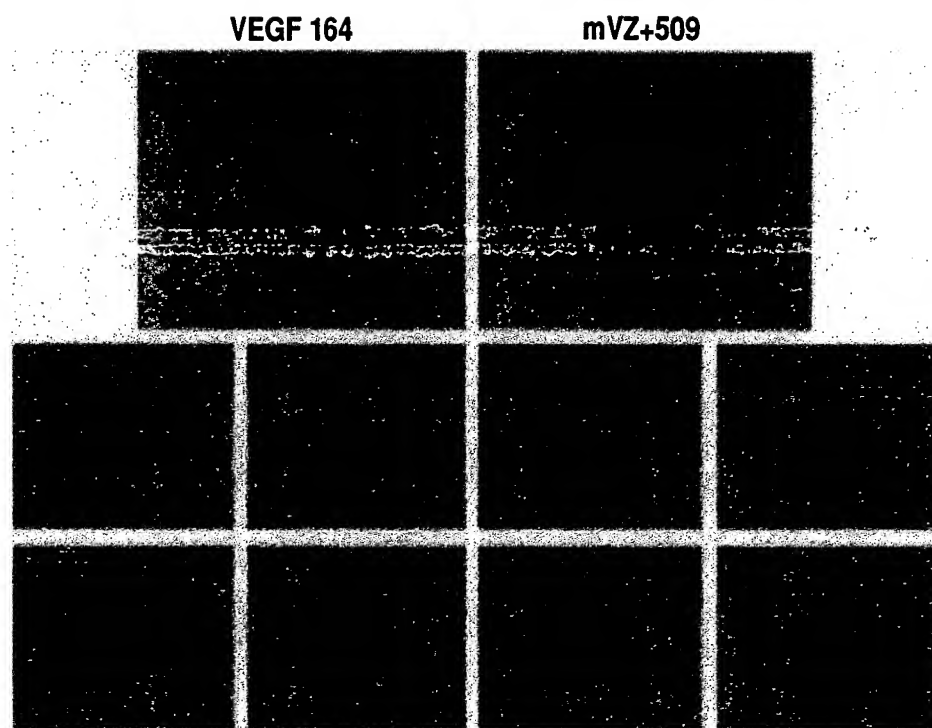


Fig. 22

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